



MISSOURI DEPARTMENT OF
HEALTH

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TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) January 2001
(through week 5 ending February 3, 2001)

DATE: February 23, 2001

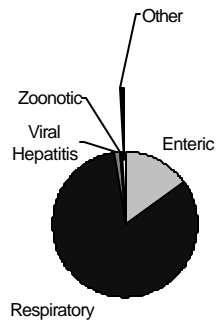
The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

Monthly Communicable Disease Update, January, 2001 (Provisional Data)

Reported Diseases by Category
Missouri, Year-To-Date
December 31, 2000* -February 3, 2001

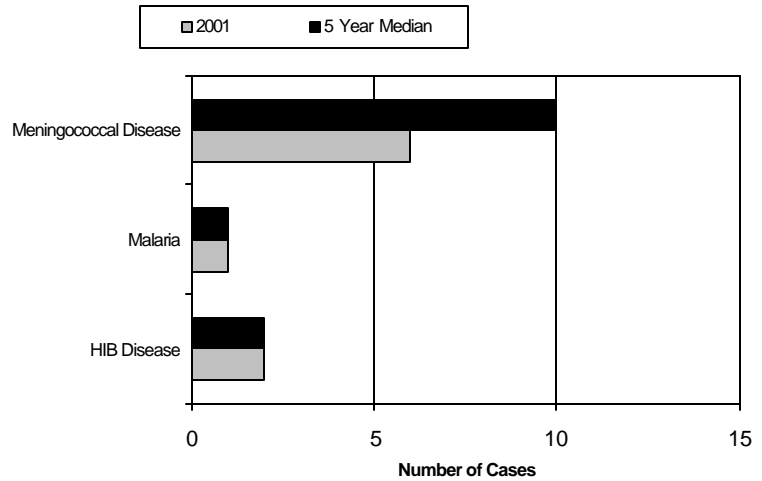


Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2001 began December 31, 2000.

See below for list of diseases in each category.

December 31, 2000 to February 3, 2001
Compared to 5 Year Median for Corresponding Period
Other Selected Diseases, Missouri



Reported Cases of Selected Diseases by Category

	2001	2001	2000	5 Year Median	% Change	Number of Cases, Jan 2001 by Health District						
	Jan	YTD	YTD	YTD	5 Year Median	CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases												
Campylobacteriosis	23	23	25	25	- 8.00%	3	12	1	4	3	0	
Cryptosporidiosis	0	0	0	2	- 100.00%	0	0	0	0	0	0	
E. coli O157:H7 #	3	3	14	2	+ 50.00%	0	1	0	1	1	0	
Giardiasis	46	46	84	45	+ 2.22%	9	27	2	5	2	1	
Listeria monocytogenes	0	0	2	1	- 100.00%	0	0	0	0	0	0	
Salmonellosis	40	40	32	32	+ 25.00%	2	17	0	15	6	0	
Shigellosis	40	40	20	20	+ 100.00%	1	31	1	4	0	1	2
Yersinia enterocolitica	2	2	1	2	- 0.00%	0	2	0	0	0	0	
Respiratory												
Influenza (Lab Confirmed)	824	824	1840	151	+ 445.70%	202	328	29	41	165	57	2
Legionellosis	2	2	1	1	+ 100.00%	1	0	0	0	1	0	
Viral Hepatitis												
Hepatitis A	9	9	76	76	- 88.16%	1	4	1	0	3	0	
Hepatitis B	6	6	12	22	- 72.73%	0	2	0	4	0	0	
Hepatitis C (Acute)*	0	0	0	na	na	0	0	0	0	0	0	
Hepatitis C (Non-Acute)*	200	200	551	na	na	39	90	5	31	24	9	2
Zoonotic												
Ehrlichiosis	1	1	0	0	+ ~	0	0	0	1	0	0	
Lyme Disease	0	0	1	1	- 100.00%	0	0	0	0	0	0	
Rocky Mtn Spotted Fever	0	0	0	0	+ ~	0	0	0	0	0	0	
Tularemia	0	0	1	0	+ ~	0	0	0	0	0	0	
Other												
HIB Disease	2	2	3	2	- 0.00%	0	0	0	2	0	0	
Malaria	1	1	1	1	- 0.00%	0	1	0	0	0	0	
Meningococcal Disease	6	6	10	10	- 40.00%	0	3	0	0	1	2	

*Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

~not divisible by zero

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

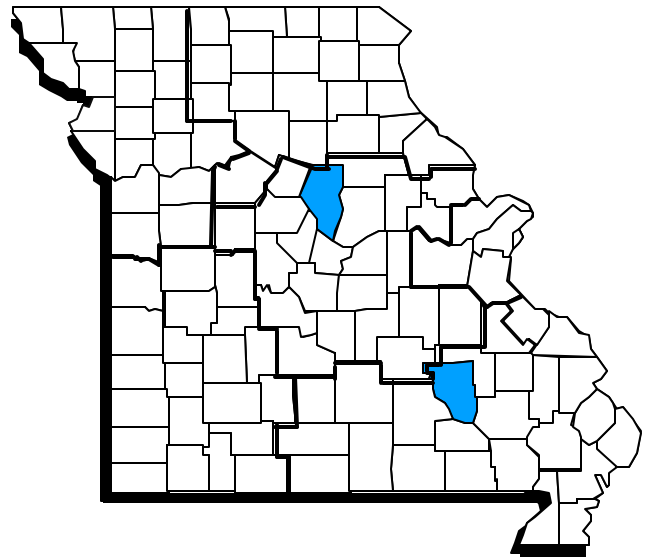
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Monthly Communicable Disease Update, January, 2001 (Provisional Data)

Confirmed Rabies in Animals

Species	January		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	46	1	46	1
Cat	38	0	38	0
Bat	63	1	63	1
Skunk	2	0	2	0
Fox	1	0	1	0
Cow	3	0	3	0
Horse	1	0	1	0
Ferret	1	0	1	0
Raccoon	10	0	10	0
Rodent/Rabbit	3	0	3	0
Other Domestic	0	0	0	0
Other Wild	6	0	6	0
Exotic	0	0	0	0
Total	174	2	174	2

Confirmed Animal Rabies in Missouri
By Health District
December 31, 2000 - February 3, 2001



Counties Under Rabies Alert: Reynolds

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001	2000	January 2001 by Health District					
	Jan	Jan	CD	ED	NE	NW	SE	SW
Animal Bites	285	134	33	74	10	89	25	54
Eye Redness w/drainage	1,212	1,270	267	129	69	270	283	194
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	18,144	10,718	3,322	1,137	1,368	5,102	4,177	3,038
Other	1,445	433	92	199	135	258	325	436
Respiratory Illness								
Flu-like illness	32,876	21,279	7,065	2,330	2,272	7,649	6,789	6,771
Pneumonia	1,702	1,725	331	161	239	339	419	213
Other-URI	9,454	4,972	427	460	1,115	2,680	2,885	1,887
Strep	4,460	2,232	872	436	284	1,696	465	707
Mono	144	249	21	2	22	56	20	23
Rash Illnesses								
Chickenpox (varicella)	588	714	108	60	46	116	57	201
Shingles - (varicella zoster)	60	27	17	1	6	10	17	9
Fifth Disease	119	50	54	15	5	19	18	8
Hand, Foot & Mouth Disease	15	8	4	1	3	2	5	0
Other	441	194	130	52	12	89	94	64
Hepatitis								
Hepatitis A	7	10	1	0	0	6	0	0
Hepatitis B	5	16	1	0	0	0	4	0
Hepatitis C	68	76	6	0	2	25	3	32
Infestations								
Pediculosis	3,651	3,307	709	133	251	485	1,208	865
Scabies	151	117	26	7	6	7	68	37
Other	41	41	2	5	0	23	10	1
Central nervous system illnesses								
Encephalitis	1	0	0	0	0	0	0	1
Meningitis	11	9	1	0	0	3	1	6
Hypothermia	2	0	0	0	1	1	0	0
Hyperthermia	14	25	0	0	0	14	0	0
Other	15	5	0	0	0	10	0	5